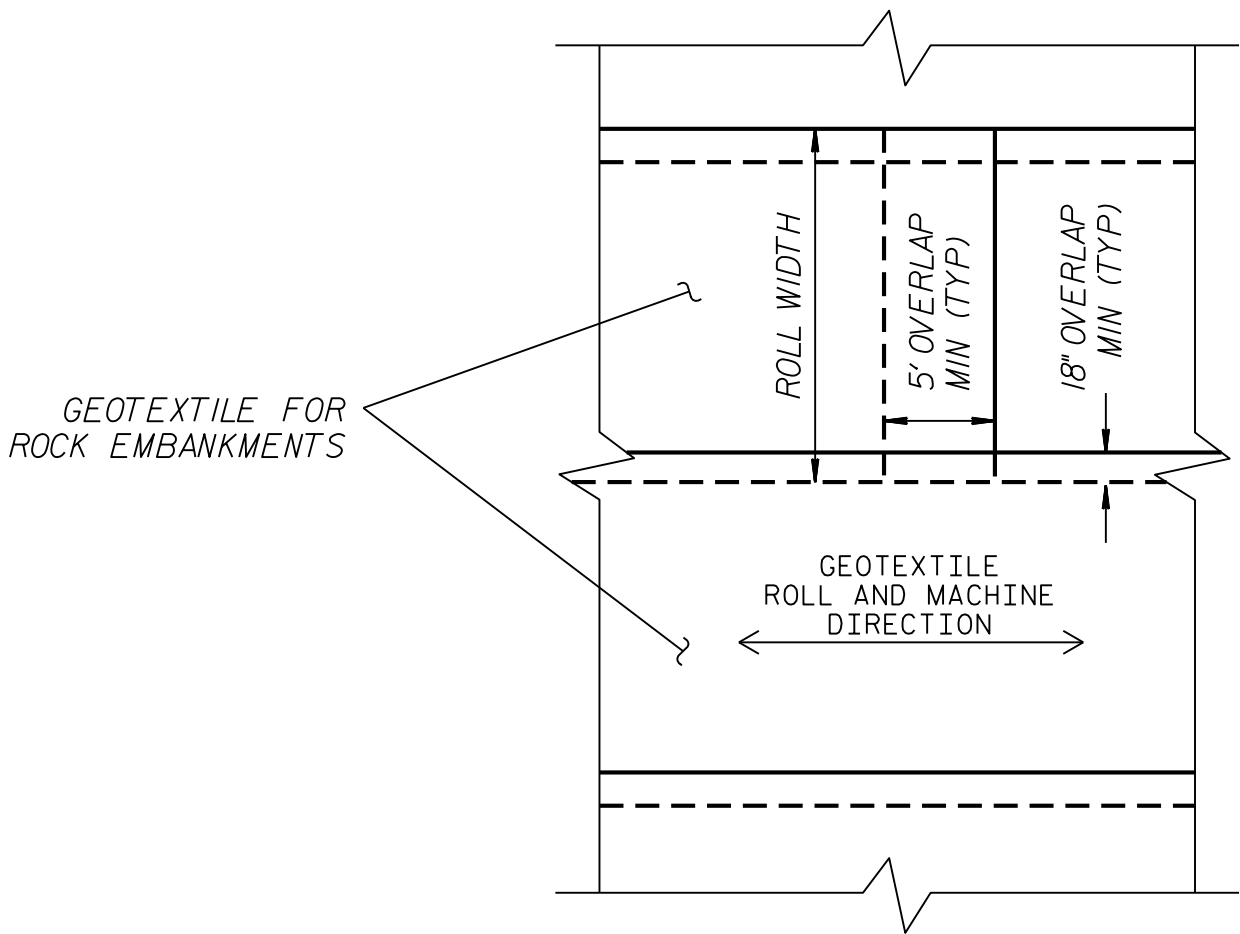
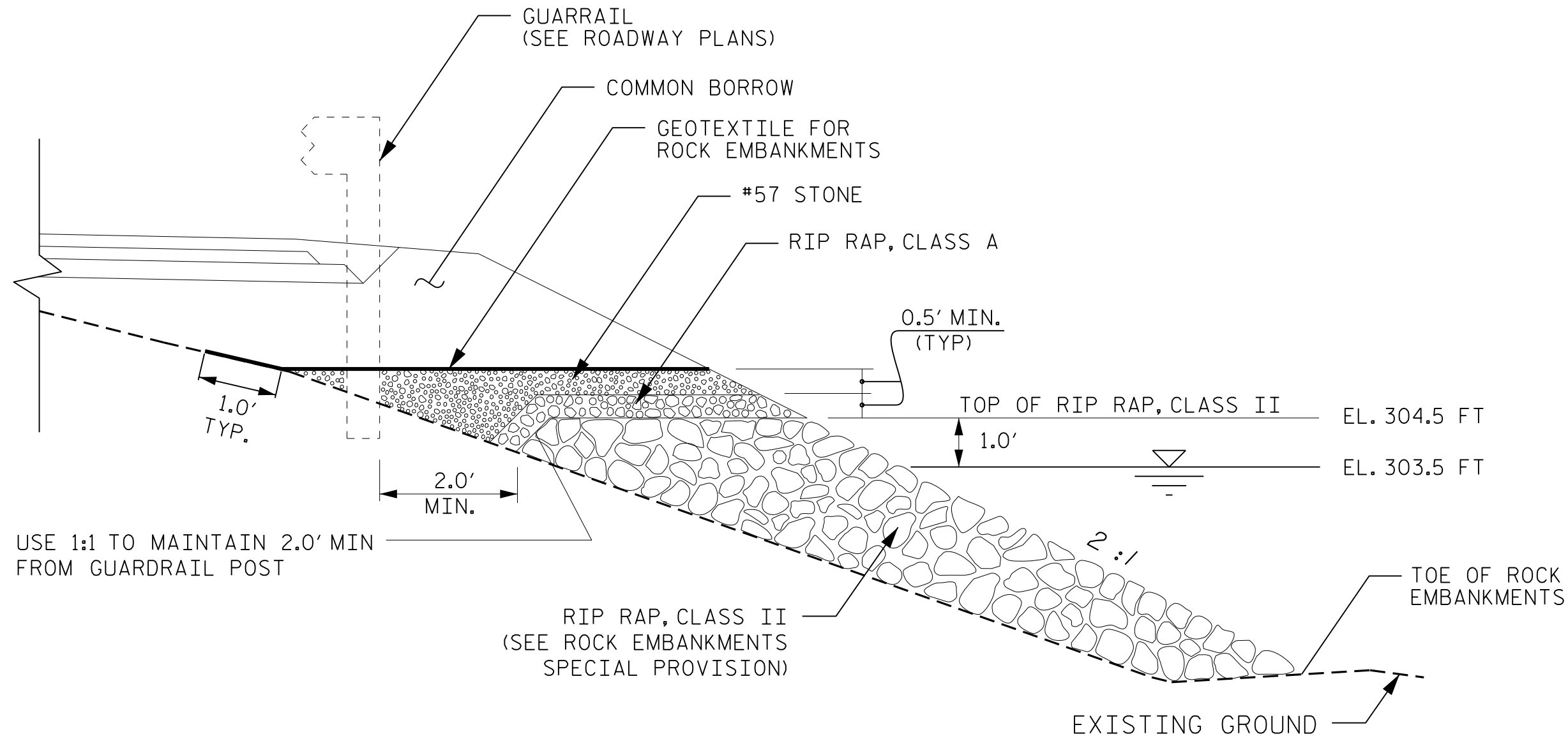


PLAN VIEW FOR LIMITS OF ROCK EMBANKMENTS  
N.T.S.



GEOTEXTILE FOR ROCK EMBANKMENTS OVERLAP DETAIL  
(PLAN VIEW)

ESTIMATED CONTINGENCY QUANTITIES	
RIP RAP, CLASS II	160 TONS
RIP RAP, CLASS A	45 TONS
#57 STONE	55 TONS
GEOTEXTILE FOR ROCK EMBANKMENTS	150 SY



ROCK EMBANKMENTS – TYPICAL SECTION A-A  
N.T.S.

NOTES

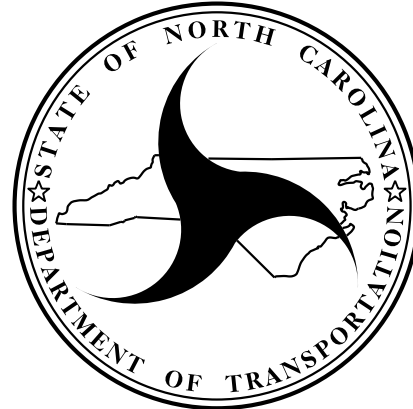
ROCK EMBANKMENT IS NOT REQUIRED IF THE WATER LEVEL IN THE KERR LAKE RESERVOIR DOES NOT WARRANT A ROCK EMBANKMENT. THE ENGINEER WILL DETERMINE THE NEED FOR ROCK EMBNAKMENT.

THE TOE PROTECTION SHALL BE USED WHEN ROCK EMBANKMENT IS NOT REQUIRED. SEE ROADWAY PLANS FOR TOE PROTECTION DETAILS.

FOR ROCK EMBANKMENTS, SEE ROCK EMBANKMENT SPECIAL PROVISION (SPECIAL).

INSTALL RIP RAP, CLASS II TO ELEVATION 304.5 FT, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. USE 1:1 SLOPE TO MAINTAIN THE MINIMUM 2.0 FT FROM GUARDRAIL POST.

THE ESTIMATED QUANTITIES OF RIPRAP, CLASS A INCLUDE ADDITIONAL TONNAGE FOR FILLING OF GAPS BETWEEN RIP RAP, CLASS II.



NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

GEOTECHNICAL  
ENGINEERING UNIT

ROCK EMBANKMENT DETAILS

REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		